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Handwritten signature and date 09/26/02

PATENT APPLICATION
Attorney Docket No. DN37998XEA

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Applicants: Ronald L. Mahany et al.

Application No.: 09/129,448

Examiner: Toan D. Nguyen

Filing Date: 08/04/1998

Art Unit: 2665

TITLE: HIERARCHICAL COMMUNICATION SYSTEM PROVIDING
INTELLIGENT DATA, PROGRAM AND PROCESSING MIGRATION

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

The accompanying IDS Document Listing (Sheets One and One, analogous to Form PTO/SB/08A) provides a list of documents which may be relevant to the subject application.

09/19/2002 HUONG61 00000125 141190 09129448

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REMARKS

As provided in 37 CFR 1.97(g) and (h), the filing of this statement should not be construed as a representation that a search has been made, or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b). Moreover, this statement does not constitute an admission by the Applicants or the Applicants' Attorney that the information provided herein is necessarily prior art to the Applicants' invention.

Applicants' Attorney respectfully requests under 37 CFR 1.97 (c)(2) that the art cited in this Information Disclosure Statement (IDS) be considered by the Examiner, and made of record. The fee of \$180 for this IDS is being paid by charging Deposit Account No. 14-1190 per the accompanying Fee Transmittal form.

CERTIFICATE OF MAILING

I hereby certify that, on the date shown below, this INFORMATION DISCLOSURE STATEMENT, IDS Document Listing form (Sheet One and One), and complete copies of the listed documents that are required as explained herein, are being deposited with sufficient postage with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commission for Patents, Washington, D.C. 20231.

Date: September 16, 2002
A Monday

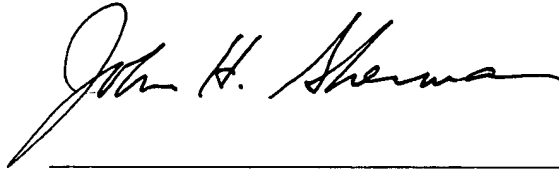
John H. Sherman
John H. Sherman, Reg. No. 16,909

Attorney Docket No. DN37998XEA

Copies of the documents as listed on Sheet One of One of the attached IDS Document Listing, are enclosed, except where an asterisk (*) indicates that the reference was of record in the parent application No. 08/487,609, now U.S. Patent No. 5,790,536 issued 08/04/98, this Patent 5,790,536 being marked with a double asterisk (**) and not being enclosed because it was relied upon in Section 2 of the Office Action of 03/14/2002 herein, in a double patenting rejection.

Please charge any underpayments related to this paper or credit any excess to Deposit Account No. 14-1190.

Respectfully,



John H. Sherman, Reg. No. 16,909
c/o Legal Department
Intermec Technologies Corporation
550 Second Street, SE
Cedar Rapids, IA 52401

Enclosures: (1) IDS Document Listing Form (Sheet One of One)
(2) Complete Copy of the Listed Documents on Sheet One (Except Where the Document is of Record in the Parent Case as Indicated by an Asterisk (*), or is Relied Upon in the Office Action of 03/14/2002 as Indicated by a Double Asterisk (**))
(3) Fee Transmittal Form for Payment of the IDS Fee



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

| | | | | | | |
|--|-----|----|-----|------------------------|--|------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Applicant Number | | 09/129,448 |
| | | | | Filing Data | | 8/4/98 |
| | | | | First Name Inventor | | Ronald L. MAHANY |
| | | | | Group Art Unit | | 2665 |
| | | | | Examiner Name | | Toan D. NGUYEN |
| Sheet | One | of | One | Attorney Docket Number | | DN37998XEA |

U.S. PATENT DOCUMENTS

| Examiner Initials | Cite No. | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY |
|----------------------|-------------|----------------------|-------------------------|--|--|
| | | Number | Kind Code (If Known) | | |
| TN | AA * | 4247908 | | Lockhart, Jr. et al. | 1/1981 |
| | AB * | 5029183 | | Tymes | 7/1991 |
| | AC | 5046066 | | Messenger | 9/1991 |
| | AD * | 5181200 | | Harrison | 1/1993 |
| | AE | 5276680 | | Messenger | 1/1994 |
| | AF * | 5289378 | | Miller et al. | 2/1994 |
| | AG * | 5295154 | | Meier et al. | 3/1994 |
| | AH | 5339316 | | Diepstraten | 8/1994 |
| | AI * | 5528025 | | Swintek | 6/1996 |
| | AJ * | 5602936 | | Green et al. | 2/1997 |
| TN | AK ** | 5790536 | | Mahany et al. | 8/1998 |
| | AL | 5805807 | | Hanson et al. | 9/1998 |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials | Cite No. | Foreign Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY |
|----------------------|-------------|-------------------------|-------------------------|--|--|
| | | Number | Kind Code (If Known) | | |
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|-----------------------|-----------------------|--------------------|----------|
| Examiner Signature | <i>Toan D. Nguyen</i> | Date Considered | 11/29/02 |
|-----------------------|-----------------------|--------------------|----------|

* Of Record in Parent Patent 5,790,536

** Cited in Office Action of 03/14/1998



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PTO/SB/17 (11-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL
for FY 2002**

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 180.

Complete if Known

| | |
|----------------------|------------------|
| Application Number | 09/129,448 |
| Filing Date | 08/04/1998 |
| First Named Inventor | Ronald L. MAHANY |
| Examiner Name | Toan D. NGUYEN |
| Group Art Unit | 2665 |
| Attorney Docket No. | DN37998XEA |

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number 14-1190

Deposit Account Name Norand Corp.

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments
☐ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 101 | 740 | 201 | 370 | Utility filing fee | |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 510 | 207 | 255 | Plant filing fee | |
| 108 | 740 | 208 | 370 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | |

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Total Claims | -20** = | X | |
| Independent Claims | -3** = | X | |
| Multiple Dependent | | | |

| Large Entity | | Small Entity | | Fee Description |
|--------------|----------|--------------|----------|--|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid |
| 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | |
| 119 | 320 | 219 | 160 | Notice of Appeal | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 | Design issue fee | |
| 144 | 620 | 244 | 310 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | 180 |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$180.

SUBMITTED BY

Name (Print/Type) John H. Sherman

Registration No. (Attorney/Agent)

16,909

Complete (if applicable)

Telephone 319-369-3661

Signature

Date

September 16, 2002

I hereby certify that this paper is being deposited this date with the U.S. Postal Service with sufficient postage as First Class Mail addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231

Date: September 16, 2002

John H. Sherman, Reg. No. 16,909